

## Flat suction cup (round)

PFYN 80 FPM-65 G1/4-AG

Part no.:10.01.01.00191

<https://www.schmalz.ru/10.01.01.00191>

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### Flat suction cup (round) for smooth or slightly rough surfaces



Size: 80

Suction cup material: Fluorocaotchuc FPM

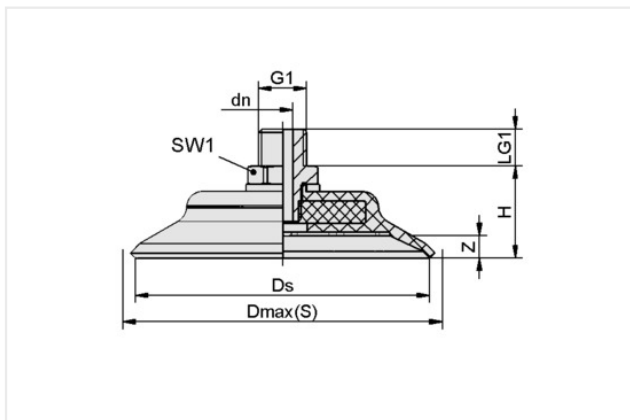
Material hardness [Shore A]: 65 Shore A

Material property: non-marking

Nipple material: Aluminum

Vacuum connection: G1/4"-M

### Design Data



| Attribute  | Value   |
|------------|---------|
| dn         | 5.50 mm |
| Dmax(S)    | 86 mm   |
| Ds         | 80 mm   |
| G1         | G1/4"-M |
| H          | 25 mm   |
| LG1        | 10 mm   |
| SW1        | 17 mm   |
| Z (Stroke) | 6 mm    |

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

### Technical Data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction force (-600mbar)    | 260 N              |
| Volume                      | 25 cm <sup>3</sup> |
| Curve radius (min) (convex) | 150 mm             |
| Hose diameter (rec.) d      | 6 mm               |
| Size                        | 80                 |
| Suction cup material        | Fluorocaotchuc FPM |
| Material hardness [Shore A] | 65 Shore A         |

### Contact Schmalz

OOO Schmalz | Mozhayskoe highway 165, bdg1, 121596 Moscow, Russia | +7 495 9671248 | [post@ruschmalz.ru](mailto:post@ruschmalz.ru)

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|                 |      |
|-----------------|------|
| Weight          | 75 g |
| Product family  | PFYN |
| Number of folds | 0    |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat workpiece surface - they do not include a safety factor Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

### Accessories



#### SU 80

Part no.:10.01.01.12839

Size: 80

Clamping range: 80.0 ... 100.0 mm

Temperature resistance: 80 °C

### Spare parts



#### SA-NIP N009 G1/4-AG

Part no.:10.01.01.10097

Thread G1: G1/4"-M

Length L1: 25 mm

Material: Aluminum

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**PFG 80 FPM-65 N009 M10x1.25-IG**

Part no...:10.01.01.00079

Size: 80

Suction cup material: Fluorocaotchuc FPM

Material hardness [Shore A]: 65 Shore A

Material property: non-marking